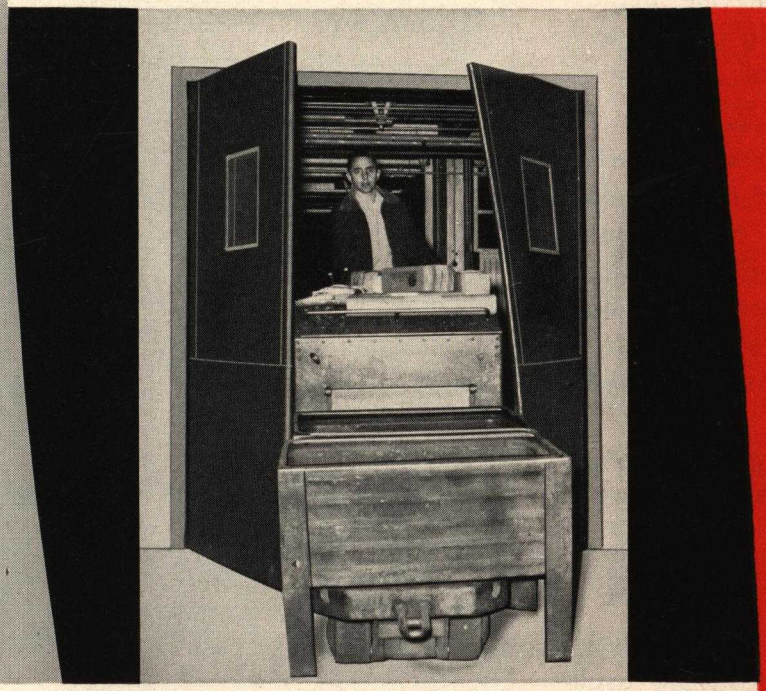
# Rubbair® doors

*flexible • shock resistant • silent*
*light weight • damage proof • safe*



**for**
warehouses
supermarkets
hospitals
schools
restaurants
foundries
loading platforms
refrigerated areas
packing rooms
etc.

Stic-Klip manufacturing company, inc.

A.I.A. File No. 16-P

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# the flexible door with solid advantages

The Rubbair door, with its rubber construction and remarkable flexibility is lightweight, quiet, and safe. Its cored construction offers better insulation and absorbs shock which would splinter or mangle conventional doors.

The constant replacement of torn hinges, sheared screws, and shattered door frames is eliminated with the Rubbair door, and its self-returning cam hinge is free from trouble under all conditions of operation.

Single or double Rubbair door installations effect economies and reduce delays on busy loading docks and wherever mechanized material handling is important. Their safe, noiseless and smooth operation is an equally essential factor for use in office areas, restaurants or cafeterias, hospitals, etc.

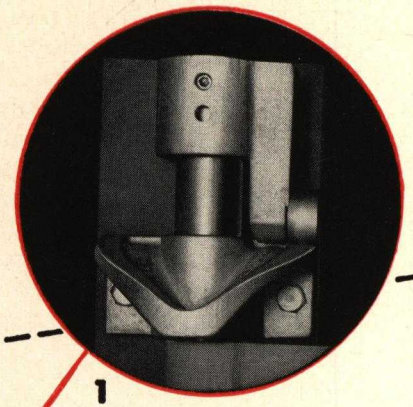
Every Rubbair door is built to meet the user's specifications.

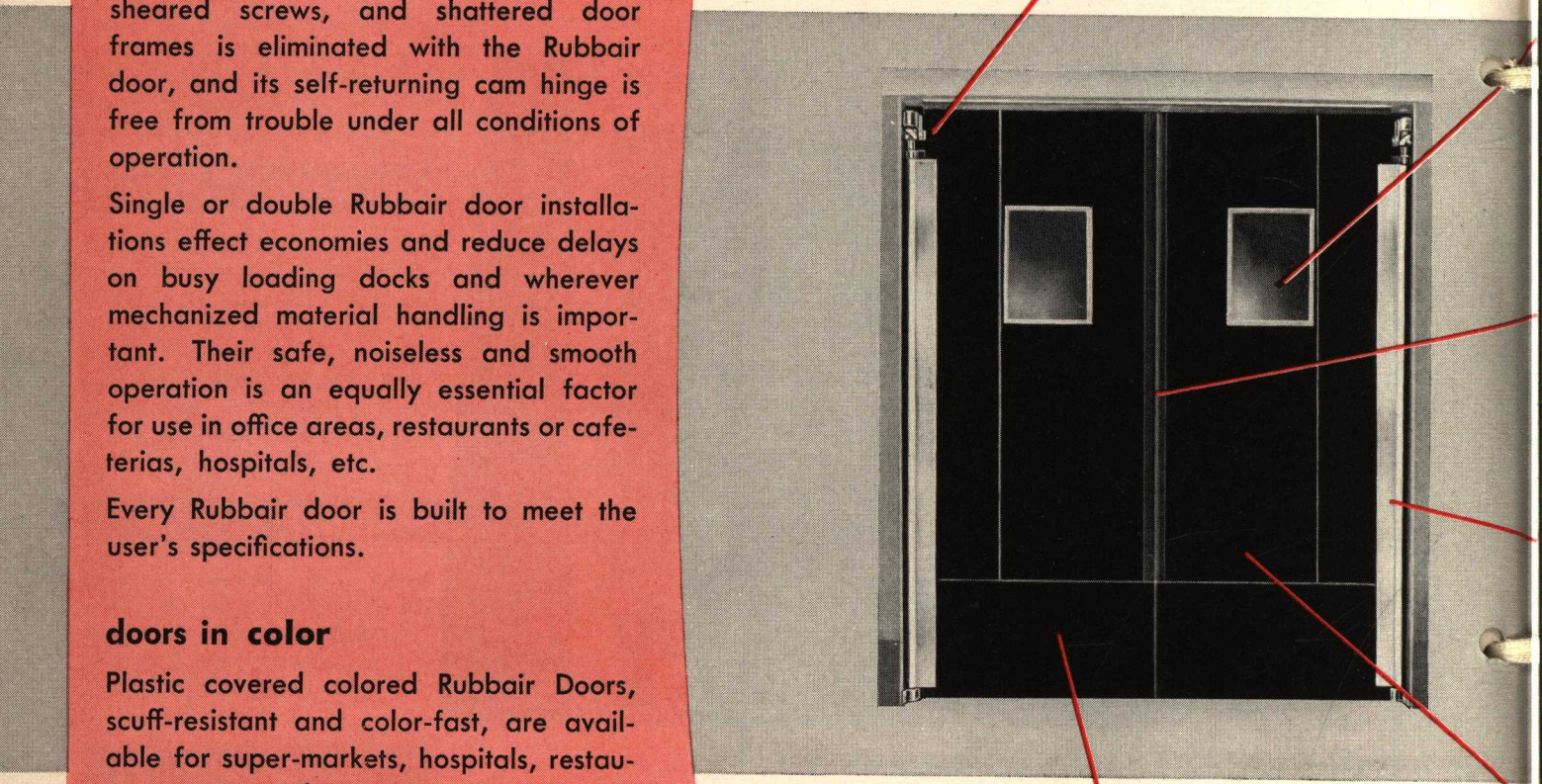
## doors in color

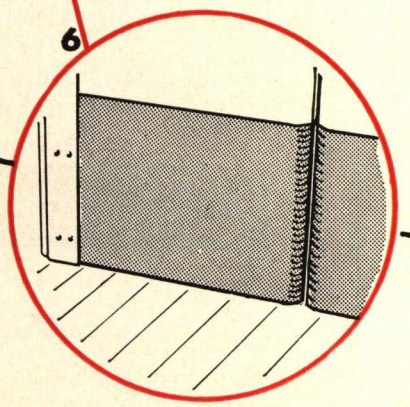
Plastic covered colored Rubbair Doors, scuff-resistant and color-fast, are available for super-markets, hospitals, restaurants, etc. and come in the following colors:

dark blue
light green
dark green
grey
turquoise
tan
brown

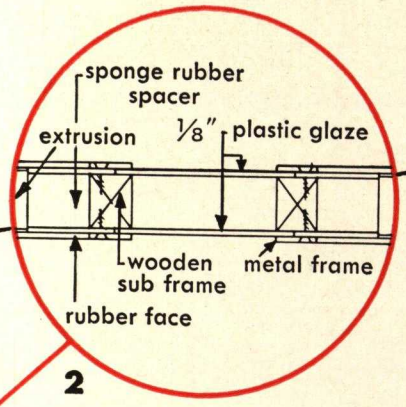
Plastic covered, colored doors are not applicable for heavy industrial installations.





# Rubbair rubber doors

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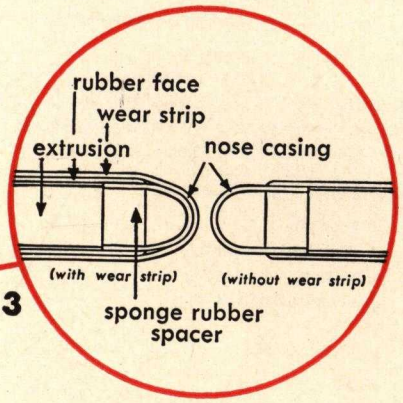


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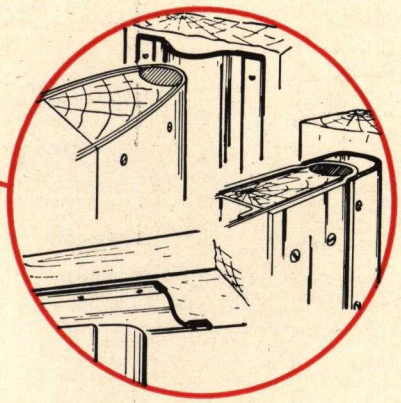

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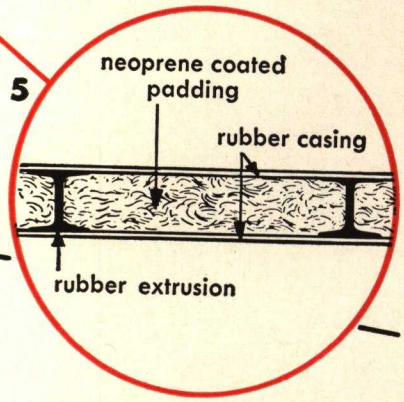



5

## 1 cam and bearing

The Rubbair door utilizes the simplicity and ruggedness of a V-cam mounting for its top bearing. As the door is opened, a cam roller rides up the V, the pitch of which is gradually lessened to reduce the resistance of the door on the vehicle or object passing through. Gravity returns the door to the closed position. Cams may be specified for door swings beyond 90° and up to 135°.

## 2 shatter-proof windows

Each door is provided with a shatter-proof window of 11½" x 15½" or 7½" x 10½" placed where desired. The window is glazed both sides with ⅛" thick transparent plastic held in an unrestrained position. Window sizes to 16" x 18" available to order.

## 3 safety-cushion nose

The nose is half-round and formed of 9/64" neoprene, reinforced with 2-ply, 15.4 ounce duck. It is set between casings at the outer end of extrusions. The hollow section is completely flexible and returns to its natural shape even after severe deflection. Affords safety to personnel against jamming of hands or fingers.

## 4 positive air seals

Where clearance space at sides and top of doors must be closed, 1/16" thick flexible rubber air seals with continuous metal, anchor strips may be provided. Cams may also be enclosed with 1/16" aluminum shields.

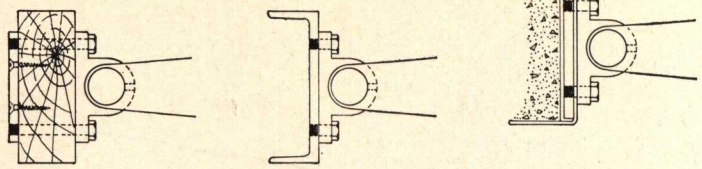
## 5 flexible construction

Exterior casings are 9/64" black natural rubber (grease-resistant neoprene also available) reinforced with 2-ply, 15.4 oz. duck. The separators between the casings are solid rubber "H" extrusions 1½" x 1½" x ⅛". The compartments between the extrusions are filled with pads of coarse, neoprene-coated matting which forms a firm yet resilient structure, the volume of which is 90% air. It will not disintegrate or collapse as a result of oxidation, nor will it slump or shift.

## 6 scuff-resistant panels

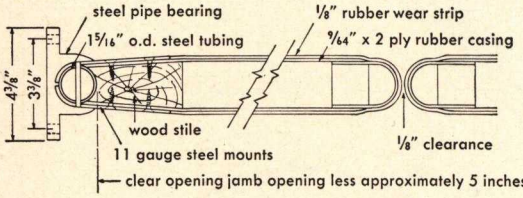
Areas of door subjected to excessive wear should be protected with tough abrasion-resisting rubber. Wear panels of this black material are ⅛" thick, reinforced with one-ply of fabric. These panels are not applicable to colored doors.

## jamb details

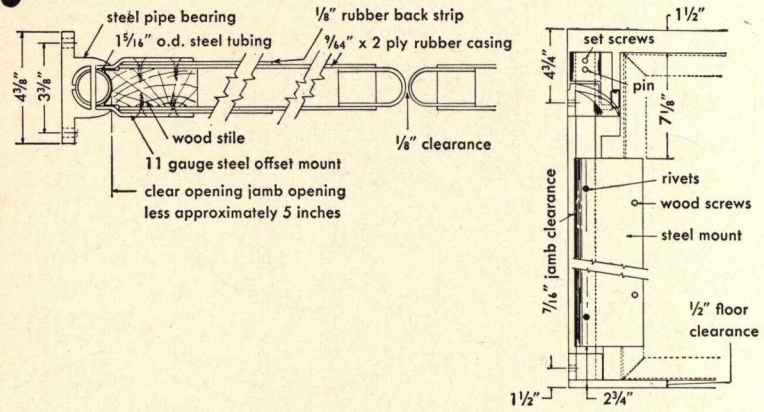


● wood jamb ● steel jamb ● masonry jamb

● door detail for openings under 6 ft.




● door detail




## mounting details

The RUBBAIR DOOR is mounted by two supporting castings which are fastened to the jambs by 3/8"-16NC hexhead machine bolts. For wooden jambs, a cold-rolled steel backplate 5 1/2" x 5 1/2" x 3/8" are available for recessed surface mounting. For steel jambs, if less than 1/4" stock is used as a supporting channel, 3/8" x 1 1/2" steel backing plates should be welded to the channel web and provision made to drill and tap holes to receive 3/8"-16NC machine screws.

Generally, openings for double-acting doors should be twice the width of normal motorized loads passing through the doorway. Manually-operated equipment will permit door openings to be slightly narrower.

The clearance above the door when closed must be at least 1 1/2" to allow for the full rise of the door on the V-cam. Flexible closure strips can be provided to seal this clearance opening.

## ordering information

RUBBAIR DOORS are built to standard construction specifications, but can be modified to meet customer requirements.

The following information should accompany your order or inquiry:

1. Size and depth of door opening.
2. Jamb construction (wood, steel, concrete, etc.).
3. Size and position of shatter-proof windows.
4. Location and height of wear panels.
5. Are air seals required?
6. Is a grease-resistant finish required?
7. Are locks required?
8. Order forms available on request.

## distributors

| LOCATION | COMPANY | ADDRESS | PHONE |
|---|---|---|---|
| **EAST** | | | |
| Boston (Cambridge), Mass. | The Eckel Corp. | 155 Fawcett St. | KIrkland 7-4744 |
| Springfield, Mass. | The Johnson Asbestos Co. | P. O. Box 301 | Republic 3-7861 |
| Cos. Cob., Conn. | McFarland & Conchar | 179 Valley Rd. | TOwnsend 9-0572 |
| New York City, N. Y. | McFarland & Conchar | | ORegon 9-0572 |
| Philadelphia (Haverstown) Pa. | Emil H. Lutz | 9 Jacalyn Drive | Hilltop 6-5438 |
| Bethel Park, Pa. | Pittsburgh Lift Trucks, Inc. | 4909 Library Rd. | TEnnyson 3-0225 |
| Utica, N. Y. | Utica Materials Handling Co. | P.O. Box 366 | UTica 2-3915 |
| **MIDWEST** | | | |
| Toledo, Ohio | Schenk Equipment Co. | 1313 Jefferson Ave. | CHerry 3-7954 |
| Cleveland, Ohio | Industrial Rubber & Plastics Co. | 550 East 99th St. | Potomac 1-5788 |
| Norwood, Ohio | Norwood Hardware & Supply Co. | 2114 Bennett Ave. | REdwood 1-1832 |
| Melrose Park, Ill. | Industrial Cork Co., Inc. | 1545 No. 25th Ave. | Austin 7-0144 |
| Indianapolis, Ind. | Asbestos Insulating & Roofing Co. | 1250 Beecher St. | STate 6-1464 |
| St. Louis, Mo. | Patton Equipment Co. | 2333 So. Hanley Rd. | MIssion 7-0080 |
| Minneapolis, Minn. | Bartley Sales Co., Inc. | 134 South 10th St. | FEderal 8-7838 |
| Milwaukee, Wis. | Building Service Industrial Sales Company | 620 N. 108th Place | GLenview 3-6786 |
| Detroit, Mich. | Equipco, Inc. | 25550 Grand River Ave. | KEnwood 3-8500 |
| Detroit, Mich. | Par-Foam, Inc. | 740 Dix Ave., So. | VInewood 3-5102 |
| **SOUTH & SOUTHWEST** | | | |
| Jacksonville, Fla. | James H. Grady Co. | 1062 W. Adams St. | ELgin 4-6766 |
| Johnson City, Tenn. | Lancaster Associates | John Sevier Hotel Bldg. | Phone 3200 |
| Dallas, Texas | Metal Products Co. | 2326 Topeka St. | RIverside 8-3775 |
| **WEST AND PACIFIC COAST** | | | |
| San Francisco, Calif. | Victor L. Burner | 440 Brannan St. | DOuglas 2-4029 |
| Pasadena, Calif. | Wand Corp. | 380 W. Howard St. | RYan 1-9351 |
| Denver, Colo. | Construction Specialties Co. | 2625 Walnut St. | KEystone 4-3271 |
| **CANADA** | | | |
| Montreal, Quebec | McGuire Engineering Co., Ltd. | 20 Bates Rd. | CRescent 9-1749 |
| Toronto, Ontario | McGuire Engineering Co., Ltd. | 77 York St. | EMpire 4-1546 |

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